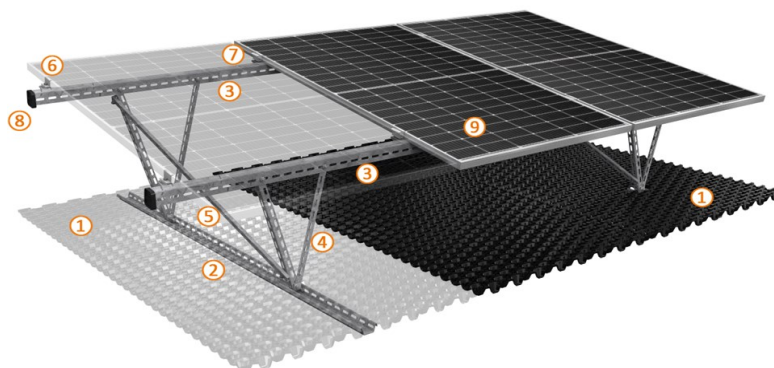


## SYSTEM SUMMARY

## BauderSOLAR G LIGHT

### Biosolar mounting solution for photovoltaic modules

BauderSOLAR G LIGHT is an integrated solar PV mounting system for framed photovoltaic modules, specifically for Bauder biodiverse or extensive green roofs. This system can also be specified with the BauderBLUE STORMcell blue roof system.



Product	Description	Dimensions (mm)	Weight
<b>1</b> BauderSOLAR DSE 40 anchor board	Modified DSE40 drainage board installed above base rails to ballast the mounting system	1040 x 2030	
<b>2</b> BauderSOLAR BS-4 or BauderSOLAR BS-2 base rail	Powder coated steel base rail installed on protection layer and beneath DSE40 anchor board	3994 (BS-4) or 1994 (BS-2) x 36 x 72	
<b>3</b> BauderSOLAR MTR Module carrier rail	Powder coated steel profile rail to support framed solar modules	4700 x 61.9 x 47.5	
<b>4</b> BauderSOLAR VT 745 BauderSOLAR VT 545 V-beams	Pre-assembled V-shaped module carrier rail support manufactured from powder coated steel	745 x 399 x 54 545 x 343 x 54	
<b>5</b> BauderSOLAR DLE diagonal profile	Support rail to add rigidity to mounting system—Powder coated steel	1245 x 30 x 15	
<b>6 &amp; 7</b> BauderSOLAR MKL (mid) or BauderSOLAR EKL (end)	Mid and end pre-assembled module clamps	n/a	
<b>8</b> Module rail end cap	Polypropylene end cap to protect module mounting rail ends	n/a	
<b>9</b> Solar module	Framed crystalline solar photovoltaic module	Variable	
<b>Total system weight (kg/m²)*</b>			<b>176kg/m²</b>

\*Includes weight of Bauder BTRS roof system with 160mm PIR insulation and saturated Biodiverse green roof based on a substrate depth of 100mm

## SYSTEM OPTIONS

Solar module options**		
Module	Efficiency	Size
JAM54S-30-405-MR	20.7%	1134mm x 1722mm
SOLARWATT Classic 4.0 405Wp	20.7%	1134mm x 1722mm

### Recommended planting mix:

Name	Description
<b>Bauder Flora 3 seed mix GB50120403</b>	A broad mix of low growing and some shade tolerant species ideal, for most roof environments. Recommend for BioSOLAR installations.

\*\*Bauder BioSolar is a universal mounting system. The listed modules are for reference only, please contact Bauder for advise on project specific module selection.

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